

Peak District National Park

Forecast valid from 00:00 on Saturday 25 Nov 2023 until 23:59 on Sunday 26 Nov 2023

Forecast Issued on Friday 24 Nov 2023 at 10:45

Confidence: High for fair Saturday then unsettled from Sunday, but lowering for the confidence of worst of conditions for the coming week.

Headline for Saturday 25 Nov 2023: Dry with prolonged sunshine and light winds. Freezing level low.

Mountain weather hazards on Saturday 25 Nov 2023

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

Low Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
00%	00%	00%	00%	00%	00%	00%	00%

Forecast for Saturday 25 Nov 2023

Weather: A fine dry day with plentiful periods of sunshine.

Chance of cloud-free hill tops above 600m: 95% plus

Low cloud and visibility: Good of very good, becoming very poor within cloud that infrequently develops around the tops.

Forecast for Saturday 25 Nov 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/12 W	10/14 W	10/18 NW	7/14 N	6/10 W	6/9 W	3/7 NW	3/4 N	5/7 SW
300	6/9 W	7/10 W	6/11 N	4/9 SW	5/8 W	3/5 SW	3/5 NE	2/3 NW	3/4 S
Valley	3/8 NW	3/10 NW	3/11 N	4/9 N	2/5 W	1/4 SW	2/4 SE	2/3 SE	3/5 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-6	-2/-7	-2/-7	-0/-4	1/-2	0/-3	-0/-2	0/-2	-0/-3
300	0/-3	-0/-4	0/-3	1/-2	2/-1	2/0	1/-1	1/-0	0/-2
Valley	-0/-2	-1/-3	-2/-4	0/-2	2/0	2/1	0/-2	-1/-2	-0/-2
Freezing Level*	100m	100m	00m	100m	200m	300m	300m	300m	200m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Despite relatively light winds a severe wind chill effect is expected at height early in the day

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 24 Nov 2023	4.4mm	5.6mm	6mm

Forecast for Sunday 26 Nov 2023

Weather: Frosty start in and around the foothills. Some early bright spells but cloud soon thickening from the west to bring occasional snow and below around 500m rain, from late morning. Outbreaks turning heavier at times through the afternoon and evening.

Maximum wind: Variable less than 15mph

Chance of cloud-free hill tops above 600m: 80-90% at dawn, lowering 20% for the afternoon and evening.

Low cloud and visibility: Good becoming moderate or poor in rain, very poor in snow and within cloud with bases becoming quite extensive from around 500m from mid-day.

Temperature: **Valleys:** Minus 2 Celsius rising 6 Celsius during the afternoon

At 600m: Minus 2 Celsius rising Zero Celsius from mid-day

Freezing level: 200m rising 600m